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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/587,200	01/16/2007	John Christopher Rudin	200313702-2	8442
22879 7590 07/08/2010 HEWLETT-PACKARD COMPANY Intellectual Property Administration 3404 E. Harmony Road Mail Stop 35 FORT COLLINS, CO 80528				
EXAMINER MCPHERSON, JOHN A				
ART UNIT 1795		PAPER NUMBER		
NOTIFICATION DATE 07/08/2010		DELIVERY MODE ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/587,200

Applicant(s)

RUDIN ET AL.

Examiner

John A. McPherson

Art Unit

1795

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 July 2006 and 16 January 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 31-62 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 31-48 and 57-62 is/are allowed.
- 6) ☐ Claim(s) 49-51 and 54 is/are rejected.
- 7) ☒ Claim(s) 52, 53, 55 and 56 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 July 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-940)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 7/06, 1/07, 4/07
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 49 is rejected under 35 U.S.C. 102(b) as being anticipated by US 2002/0030767 to Zavracky et al. (Zavracky). Zavracky discloses a method of fabricating transmissive displays, such as liquid crystal projection displays or emissive displays including electroluminescent displays, comprising the formation of arrays of transistor circuits in thin film silicon on an insulating substrate and transferring the active matrix circuit onto an optically transmissive substrate, wherein electroluminescent material and/or color filter elements can be fabricated over pixel electrodes of the array, and the resulting display circuit (which includes components such as data line metallization, corresponding to the addressing busbars of the present invention) is then transferred onto a second substrate. See the abstract; and paragraphs [0007], [0032], [0036], [0037] and [0048].

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 50, 51 and 54 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 2002/0030767 to Zavracky et al. (Zavracky) as applied to claim 49 above, and further in view of US 4,830,469 to Breddels et al. [reference 1 of the Information Disclosure Statement filed 1/16/07] (Breddels).

The disclosure of Zavracky is discussed above on in paragraph 1. However, with respect to claim 50, Zavracky does not disclose an embodiment wherein the transmissive display includes photoluminescent elements. Additionally, with respect to claims 51 and 54, Zavracky does not disclose an embodiment wherein the color elements at least partially absorb ultraviolet light and are spaced a part from each other by regions that are substantially transmissive of UV light.

Breddels discloses a liquid crystalline color display cell comprising two transparent, parallel substrate plates provided with electrodes and a layer of phosphor which emit colored light under the influence of UV light. See the abstract.

It would have been obvious to one skilled in the requisite art to utilize a layer of phosphor which emits colored light under the influence of UV light, as taught by Breddels, as the color-producing element in the transfer process of Zavracky because it is taught that such phosphors are art-recognized alternatives to electroluminescent material and/or color filters for producing colored light in color displays.

Pertinent Prior Art

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 6,413,693 discloses a method for transferring a transparent conductive film onto one surface of a sheet base material made of a plastic material, wherein the transparent conductive film as an object to be transferred is preliminarily formed on a substrate side which is superior in heat resistance to the plastic material, the transparent conductive film being sandwiched between a peelable layer and a protective layer.

US 6,162,569 discloses a method for manufacturing a fine pattern comprising the steps of forming a master substrate having an electrode layer patterned to a predetermined shape, forming peel layers made of a conductive water-repellent thin film on the master substrate, forming a fine pattern of electrodeposited resin on the peel layers, impregnating the electrodeposited resin with water, and stripping the fine patterns of the master and transferring the fine patterns on a bonding layer of a media substrate.

Allowable Subject Matter

4. Claims 31-48 and 57-62 are allowed.
5. Claims 52, 53, 55 and 56 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John A. McPherson whose telephone number is (571) 272-1386. The examiner can normally be reached on Monday through Friday, 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Huff can be reached on (571) 272-1385. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/John A. McPherson/
Primary Examiner, Art Unit 1795

JAM
7/1/10